

## EAST Search History

| Ref # | Hits   | Search Query                             | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| L1    | 340    | 455/240.1                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 17:06 |
| L2    | 151    | 455/240.1.ccls.                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 17:30 |
| L3    | 484455 | television tv                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 17:06 |
| L4    | 17     | 2 and 3                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 17:14 |
| L5    | 382420 | estimation estimating estimates estimate | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 17:15 |
| L6    | 45034  | adc                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 17:15 |
| L7    | 8434   | 5 and 6                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 17:15 |
| L8    | 139512 | demodulator demodulated                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 17:15 |
| L9    | 2386   | 7 and 8                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 17:15 |
| L10   | 497230 | feedback                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 17:15 |
| L11   | 1143   | 9 and 10                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 17:16 |
| L12   | 798    | rf adj gain                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 17:16 |

## EAST Search History

|     |        |                                |   |    |     |                  |
|-----|--------|--------------------------------|---|----|-----|------------------|
| L13 | 571    | rf adj amp                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:16 |
| L14 | 12912  | rf adj amplifier               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:16 |
| L15 | 13333  | 13 14                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:16 |
| L16 | 0      | "IF ampl"                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:16 |
| L17 | 746    | 'if ampl'                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:16 |
| L18 | 756894 | 'if amplifier'                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:16 |
| L19 | 757200 | 17 18                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:17 |
| L20 | 13202  | 15 and 19                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:17 |
| L21 | 81     | 11 and 20                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:17 |
| L22 | 55834  | agc                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:17 |
| L23 | 33502  | automatic adj gain adj control | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:17 |
| L24 | 19629  | 22 and 23                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:17 |

## EAST Search History

|     |       |                              |   |    |     |                  |
|-----|-------|------------------------------|---|----|-----|------------------|
| L25 | 69707 | 22 23                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:17 |
| L26 | 34    | 21 and 25                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:23 |
| L27 | 106   | 5 and 8 and 10 and 20 and 25 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:23 |
| L28 | 72    | 27 not 26                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:23 |
| L29 | 98    | 455/241.1.ccls.              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03 17:40 |

## EAST Search History

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| L30   | 1    | ((signal adj (estimation estimating)) and feedback and adc and demodulator and Rf).clm. | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/07/03 17:41 |
| L31   | 2    | ((estimation estimating) and feedback and adc and demodulator and Rf).clm.              | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/07/03 17:42 |